

Converting Colors

Hex(00CB51)

Have a look what the booklet for
Hex(00CB51) contains.

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Color

Hex(00CB51)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 00CB51 |
| RGB | 0, 203, 81 |
| RGB Percent | 0%, 80%, 32% |
| CMY | 1.0000, 0.2039, 0.6824 |
| CMYK | 1.00, 0.00, 0.60, 0.20 |
| HSL | 144°, 100%, 40% |
| HSV | 144°, 100%, 80% |
| XYZ | 22.8411, 43.3060, 14.9396 |
| YIQ | 128.3950, -81.8260, -80.9780 |

Conversions

Conversions Part 2

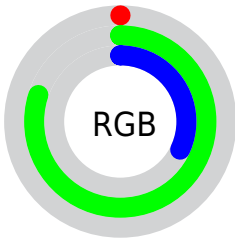
| Format | Color |
|-------------------------------------|---|
| RYB | 0, 145, 203 |
| Decimal | 52049 |
| CIELab | 71.76, -67.43, 48.16 |
| CIELCh | 72, 82.859, 144.464 |
| Yxy | 43.3060, 0.2817, 0.5341 |
| Android (android.graphics.Color) | 4278242129 (0xFF00CB51) |
| YUV | 128.3950, -23.3657, -112.6024 |
| Hunter-Lab | 65.8073, -53.2069, 32.6050 |

Details

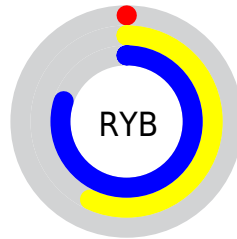
The Hex color **00CB51** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed green. A complement of this color would be **CB007A**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **66FF86**, and **00931B** is the 20% darker color. If you saturate the color by 10%, you get **00CB51**, and if you desaturate by 10%, it is **14CB5D**.

Distribution



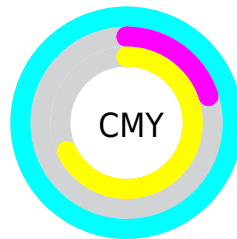
- Red (0%)
- Green (80%)
- Blue (32%)



- Red (0%)
- Yellow (57%)
- Blue (80%)



- Cyan (100%)
- Magenta (0%)
- Yellow (60%)
- Black (20%)



- Cyan (100%)
- Magenta (20%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00CB51 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 00CB51 by changing the saturation by 10% instead.

 00CB51

 00CB51

FFFFFF

 00AF37

 66FF86

 00931B

 87FFA1

 007800

 A6FFBD

 005E00

 C5FFD9

 004400

 E4FFF6

 002D00

 000C00

 000000

 00CB51

 14CB5D

 29CB69

 3DCB76

 51CB82

 66CB8E

 7ACB9A

 8ECBA6

 A2CBB3

 B7CBBF

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



97BE00



00CB51



00D19F

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



00CB51



00BDFE



FF6676

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



00CB51



CB007A

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FF5FC1



00CB51



8FA2FF

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



00CB51



00CCFF



FC7DFF



FF8830

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



00CB51



00D2D4



FC7DFF



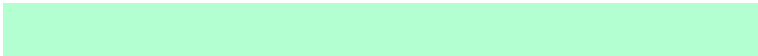
FF5F8F

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



00CB51



B3FFD1



7DCB00



528064



000000



808080

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



00CB51



00FF66



00CBB3



5C6660



00A642



00260F

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



CB007A



FF0099



CB0018



665C62



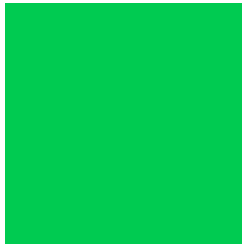
A60064



260017

Previews

White Background



This preview shows how the Hex color 00CB51 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 00CB51 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 00CB51 Background



This preview shows how black text looks on a background with the Hex color 00CB51.

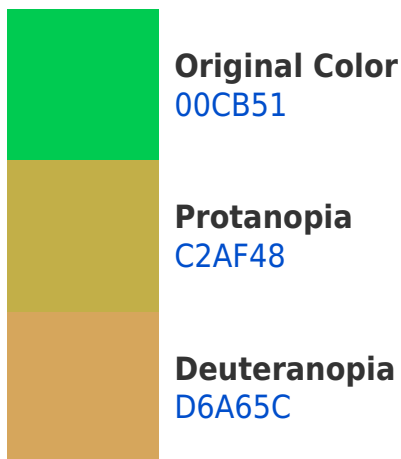


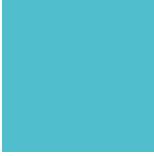
This preview shows how white text looks on a background with the Hex color 00CB51.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Trichromacy



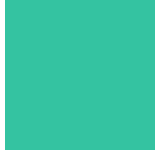
Original Color
00CB51



Protanomaly
7BB94B



Deuteranomaly
88B358



Tritanomaly
34C3A1

Monochromacy



Original Color
00CB51



Achromatopsia
808080



Achromatomaly
519B6F

CSS Examples

Text

The CSS property to change the color of the text to Hex 00CB51 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #00CB51 looks like.

```
.text, #text, p{  
    color:#00CB51  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #00CB51 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00CB51
}
```

Border

The CSS property to change the border of an element to Hex 00CB51 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#00CB51 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#00CB51 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #00CB51 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00CB51; -webkit-box-shadow:4px 4px  
4px 4px #00CB51; box-shadow:4px 4px 4px  
4px #00CB51 }
```

Background

The CSS property to change the background color of an element to Hex 00CB51 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00CB51 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#00CB51 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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